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Agric Statistics

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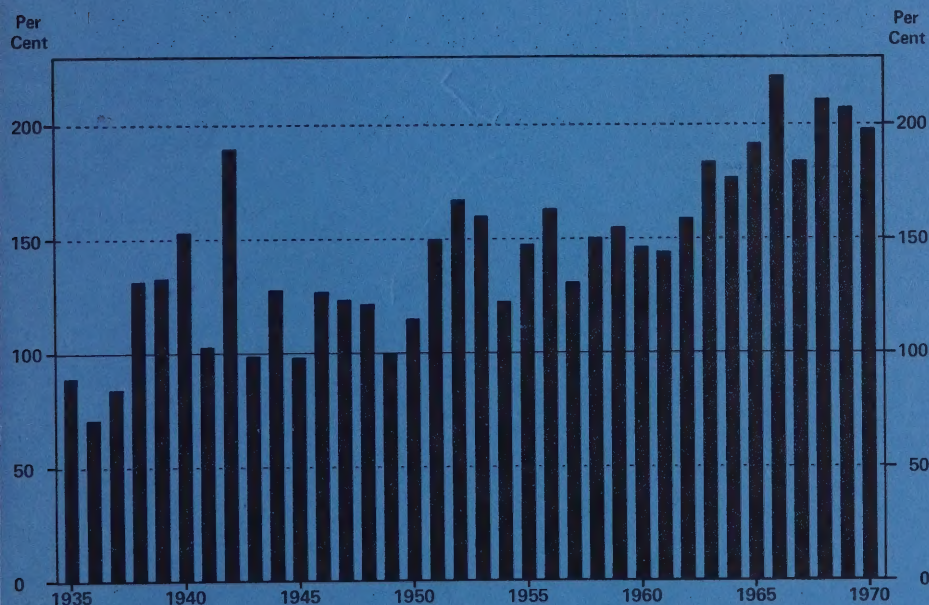
STATISTICS OF AGRICULTURE FOR ALBERTA 1969 AND 1970

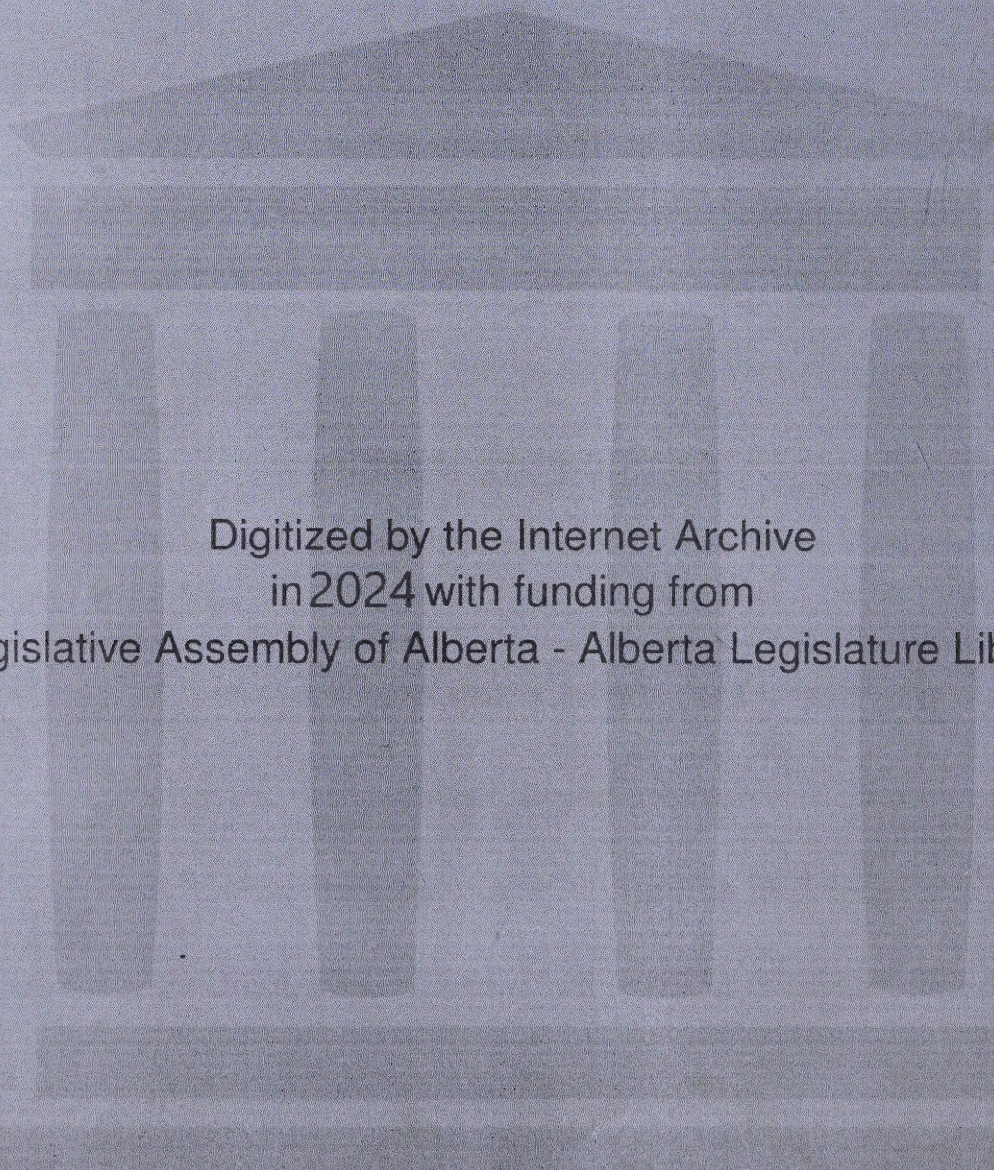
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INDEX OF THE PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION, ALBERTA, 1935 - 1970 (1949 = 100)





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FIELD CROPS

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FIELD CROPS

Seeding of the 1970 crop in Alberta started under practically ideal soil moisture conditions. Substantial rains over central and northern regions the previous fall and above average absorption of water from winter snowfall contributed to the good to excellent moisture reserves. The only exceptions were parts of east-central and southeastern Alberta, which did not receive as much precipitation.

Cool wet spring weather and harvesting of the remainder of the 1969 crop delayed completion of seeding in the province. The first report of commencement of field operations came from the Taber area early in April. Other areas began reporting the commencement of field work near the end of April and seeding was general in the province by May 10th. Seeding was not completed until mid-June, approximately two weeks later than normal.

Good rains in southern and central areas June 13th to 16th, followed by a general rainfall June 28th to July 1st provided much needed moisture to crops. The rains averted serious drought damage in southern Alberta. Crops in general were off to a good start with even germination and growth.

By the end of July almost all areas reported excellent stands and above average moisture reserves. Taber, Youngstown and Grande Prairie were the only areas reporting very dry conditions and thin crops. Many regions of the province received hail damage during the summer, particularly the Viking, Wetaskiwin, Morinville and Grande Prairie areas, where damage was extensive.

The generous rains received during June and July were followed by hot dry weather in late July and early August, promoting heavy growth and rapid maturity. In some southern and central areas the hot weather brought crops on too quickly, slightly shrivelling kernels. By late July swathing of early barley was underway in southern Alberta.

Near the end of August threshing was well advanced in southern Alberta and underway in central and northern areas. Hot dry weather aided harvesting operations in the south, however, occasional light scattered showers hindered progress in central and northern regions.

A weather disturbance on September 9th to 11th brought rains, snow and below seasonal temperatures, temporarily halting threshing operations. By this time most of the farmers in southern Alberta had completed harvesting, many without interruption. Killing frosts were reported from most areas but most of the grain crops were cut or mature and damage was limited mainly to late oats in northern areas and some potato crops in southern Alberta.

Fine harvest weather returned in late September and threshing progressed rapidly. The major portion of the 1970 harvest was completed by early October with only about one per cent of the grains and some flax remaining at the end of the third week in October. The quality of the wheat crop was above average with the higher grades predominating. Oilseed crops were also good although higher dockages were reported in rapeseed compared with last year. About 70 per cent of the oat crop graded 1 Feed and almost 80 per cent of the barley was in the Feed grades.

Per acre yields of all of the principal crops were above long-term averages. Estimated yields for 1971, with the previous ten-year average in brackets, were as follows: wheat, 27.7 (23.3); oats for grain, 57.1 (45.1); barley, 42.1 (34.5); fall rye, 23.2 (19.3); spring rye, 19.2 (16.4); flaxseed, 16.3 (12.3); rapeseed, 17.6 (15.1); and mixed grains, 46.7 (37.9). Tame hay yields averaged 1.82 tons per acre in 1970 compared to an average of 1.46 tons per acre for the 1960 to 1969 period. The 1970 yields for oats, barley, flaxseed, rapeseed and mixed grains were the highest on record to date.

Wheat production, at 72 million bushels in 1970 was about half that of 1969 while oats and barley production, at 117 and 198 million bushels respectively, remained approximately the same. New acreage and production records were established for flaxseed and rapeseed.

ESTIMATED ACREAGE, PRODUCTION AND YIELD OF PRINCIPAL FIELD CROPS BY DISTRICT IN ALBERTA, 1969 AND 1970

Census Division	'000 Acres		Bushels Per Acre		Production '000 Bu.	
	1969	1970	1969	1970	1969	1970
<u>ALL WHEAT</u>						
1	505	294	22.5	23.0	11,343	6,748
2	599	290	31.4	28.8	18,794	8,362
3	240	118	29.3	27.6	7,034	3,260
4	530	339	20.0	24.0	10,625	8,140
5	769	324	32.8	31.2	25,191	10,107
6 & 9	178	70	32.2	32.7	5,732	2,289
7	698	362	25.6	28.9	17,836	10,453
8	92	28	29.5	31.9	2,711	894
10	772	397	25.7	30.5	19,863	12,123
11	134	63	29.4	32.1	3,942	2,025
12	166	74	24.5	24.4	4,062	1,809
13)	163	50	27.8	27.6	4,533	1,379
14)	163	50	27.8	27.6	4,533	1,379
15	454	191	19.2	22.9	8,709	4,372
Province	5,300	2,600	26.4	27.7	140,000	72,000
<u>OATS FOR GRAIN</u>						
1	29	44	42.1	49.3	1,221	2,169
2	79	74	60.5	58.9	4,780	4,359
3	76	66	51.1	48.4	3,884	3,194
4	76	93	38.5	42.2	2,926	3,925
5	128	125	60.4	62.5	7,731	7,812
6 & 9	159	181	61.9	66.5	9,842	12,036
7	239	252	46.7	55.9	11,161	14,087
8	122	135	60.0	64.7	7,320	8,734
10	455	436	46.6	57.7	21,203	25,157
11	275	248	52.1	67.6	14,328	16,765
12	101	94	40.5	42.4	4,090	3,986
13)	138	156	50.1	55.7	6,914	8,689
14)	138	156	50.1	55.7	6,914	8,689
15	123	146	35.0	43.9	4,305	6,409
Province	2,000	2,050	51.0	57.1	102,000	117,000

Census Division	'000 Acres		Bushels Per Acre		Production '000 Bu.	
	1969	1970	1969	1970	1969	1970
<u>BARLEY</u>						
1	103	111	38.7	40.1	3,986	4,451
2	386	363	52.2	47.7	20,149	17,315
3	276	240	47.2	44.2	13,027	10,608
4	82	87	32.4	38.8	2,657	3,376
5	475	467	51.9	49.4	24,652	23,070
6 & 9	527	473	50.0	50.0	26,350	23,650
7	272	259	38.4	45.2	10,445	11,707
8	675	616	40.9	41.6	27,608	25,626
10	480	490	36.2	43.1	17,376	21,119
11	488	444	35.6	42.7	17,373	18,959
12	146	120	33.1	33.0	4,833	3,960
13)						
14)	498	416	37.1	35.1	18,476	14,602
15	692	614	24.4	31.9	16,885	19,587
Province	5,100	4,700	40.0	42.1	204,000	198,000

<u>FLAXSEED</u>						
<u>A. R. A.</u>						
1	114.5	255.2	12.6	14.6	1,443.2	3,725.9
2	187.1	277.2	16.4	18.1	3,061.7	5,017.3
3	44.8	76.1	16.7	18.7	746.6	1,423.1
4A	3.4	6.7	14.9	17.8	50.6	119.3
4B	8.4	14.3	14.0	16.1	117.2	230.2
5	3.9	5.8	14.4	18.1	56.2	105.2
6	16.5	17.8	14.2	14.4	233.8	256.3
7	71.4	46.9	9.2	11.4	660.0	534.7
Province	450.0	700.0	14.0	16.3	6,300.0	11,400.0

<u>RAPESEED</u>						
1-3	100.4	250.6	17.5	19.0	1,753.6	4,765.3
4A-6	388.0	743.2	16.1	17.8	6,258.1	13,268.6
7	327.6	456.2	11.2	15.8	3,668.6	7,215.1
Province	816.0	1450.0	14.3	17.6	11,700.0	25,500.0

<u>ALL RYE</u>						
1-3	143.0	176.0	20.0	23.1	2,856.4	4,067.8
4A-6	30.1	29.0	15.3	21.9	460.2	635.6
7	6.9	10.0	19.9	20.7	137.5	207.4
Province	180.0	215.0	19.4	22.1	3,500.0	4,750.0

A. R. A.	'000 Acres		Yield Per Acre		Production	
	1969	1970	1969	1970	1969	1970

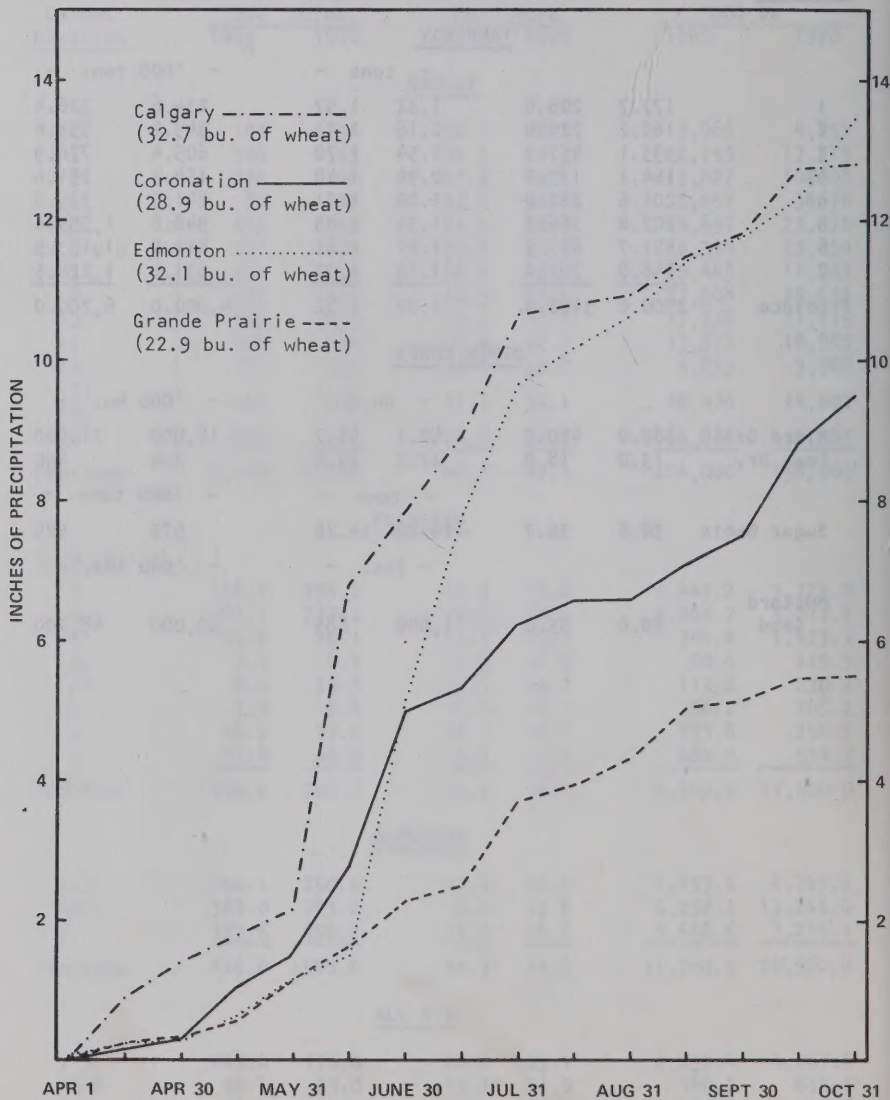
TAME HAY

			- tons -		- '000 tons -	
1	177.7	206.6	1.32	1.57	234.6	326.4
2	160.2	229.0	2.18	2.33	349.2	533.6
3	393.1	457.0	1.54	1.70	605.4	776.9
4A	164.1	179.7	0.94	1.40	154.3	251.6
4B	201.6	222.0	1.20	1.71	241.9	379.6
5	702.8	766.2	1.35	2.03	948.8	1,555.4
6	551.7	637.5	1.47	1.81	811.0	1,153.9
7	548.8	702.0	1.15	1.75	631.1	1,228.5
Province	2900.0	3400.0	1.37	1.82	4,000.0	6,200.0

OTHER CROPS

			- bu. -		- '000 bu. -	
Mixed Grain	380.0	450.0	42.1	46.7	16,000	21,000
Peas Dry	13.0	18.0	27.2	24.4	354	440
			- tons -		- '000 tons -	
Sugar Beets	38.8	36.7	14.82	14.26	575	524
			- lbs. -		- '000 lbs. -	
Mustard Seed	50.0	55.0	1,000	885	50,000	48,700

CUMULATIVE RECORD OF PRECIPITATION APRIL 1 - OCTOBER 31
AND ESTIMATED WHEAT YIELDS IN SELECTED AREAS, 1970.



PRECIPITATION RECORDED AT SELECTED ALBERTA STATIONS IN 1970 COMPARED WITH 1969 AND THE LONG-TIME AVERAGE

<u>STATIONS</u>	<u>APRIL 1 - OCTOBER 30 INCLUSIVE</u>		
	<u>1969</u>	<u>1970</u>	<u>Normal</u>
	- inches - - actual -		
Medicine Hat	6.21	10.62	10.11
Lethbridge	9.83	8.80	11.99
Calgary	15.24	12.79	13.71
Coronation	8.94	9.49	11.28
Red Deer	17.55	16.82	13.73
Vermilion	11.32	13.20	12.40
Edmonton	14.64	13.46	14.19
Lac La Biche	17.86	18.74	13.15
Whitecourt	16.92	13.82	15.47
Grande Prairie	12.54	5.49	11.48

ALBERTA WHEAT POOL ESTIMATE OF QUALITY OF CEREAL GRAINS IN PERCENTAGES

WHEAT

	<u>No. 1^o</u>	<u>No. 2^o</u>	<u>No. 3^o</u>	<u>No. 4^o</u>	<u>5, 6 & Feed</u>	<u>Garnet</u>	<u>Durum</u>	<u>Winter</u>	<u>Other</u>
1968	5	10	20	28	29	1	3	2	2
1969	5	30	19	23	15	-	4	3	1
1970	5	34	28	16	5	1	8	2	1

OATS

	<u>2 C.W.</u>	<u>X3 C.W.</u>	<u>3 C.W.</u>	<u>X1 Fd.</u>	<u>1 Fd.</u>	<u>2 Fd.</u>	<u>Other</u>
1968	-	-	1	11	63	22	3
1969	-	-	1	14	74	10	1
1970	-	-	1	23	71	5	-

BARLEY

	<u>1-3 C.W. 6-Row</u>	<u>1-3 C.W. 2-Row</u>	<u>Feed Grades</u>
1968	4	8	88
1969	7	13	80
1970	8	13	79

MONTHLY AVERAGE GRAIN PRICES 1969-70

Aug. Sept. Oct. Nov. Dec. Jan. Feb. Mar. April May June July Year

- cents and eighths per bushel -

WHEAT - Canadian Wheat Board Basis in Store Vancouver

1 Northern	190/2	184/1	183/6	183/3	183	182/6	181/6	180/6	180/3	180/2	173/4	172	181/3
2 Northern	187/3	181/5	181/2	180/7	180/4	180/2	179/2	178/2	177/7	177/6	171	169/4	178/6
3 Northern	178/7	172/4	172/3	172	171/5	171/3	171/4	171/3	171/3	171/3	165/5	164/4	171/2
4 Northern	172/7	166/4	166/3	166	165/5	165/3	165/4	165/3	165/3	165/3	160	158/7	165/2
5 Wheat	170/7	164/4	164/3	164	163/5	163/3	163/4	163/3	163/3	163/3	-	-	164/4
6 Wheat	163/7	157/4	157/3	157	156/5	156/3	156/4	156/3	156/3	156/3	-	-	157/4
Feed Wheat	160/7	154/4	154/3	154	153/5	153/3	153/4	153/3	153/3	153/3	-	-	154/4
1 C.W. Garnet	172/7	166/4	166/3	166	165/5	165/3	165/4	165/3	165/3	165/3	160	158/7	165/2
2 C.W. Garnet	171/7	165/4	165/3	165	164/5	164/3	164/4	164/3	164/3	164/3	159	157/7	164/2
3 C.W. Garnet	170/7	164/4	164/3	164	163/5	163/3	163/4	163/3	163/3	163/3	158	156/7	163/2
1 Alta Red W.	172/7	166/4	166/3	166	165/5	165/3	165/4	165/3	165/3	165/3	160	158/7	165/2
2 Alta Red W.	171/7	165/4	165/3	165	164/5	164/3	164/4	164/3	164/3	164/3	159	157/7	164/2
3 Alta Red W.	170/7	164/4	164/3	164	163/5	163/3	163/4	163/3	163/3	163/3	158	156/7	163/2

OATS - Canadian Wheat Board Basis in Store Thunder Bay

2 C.W.	70/2	70/2	70/4	71/5	71/6	73/2	73/6	74	75/3	75/6	76/2	76/6	73/2
Ex. 3 C.W.	67/6	67/6	68	69/1	69/2	70/6	71/2	71/4	72/7	73/2	73/6	74/2	70/6
3 C.W.	66/6	66/6	67	68/1	68/2	69/6	70/2	70/4	72	72/6	73/2	73/3	69/7
Ex. 1 Feed	66/6	66/6	67	68/1	68/2	69/6	70/2	70/3	71/3	71/6	72/2	72/6	69/5
1 Feed	65/2	65/1	65/4	66/7	67	68/4	69	69/1	70/2	70/2	70/6	71/2	68/2
2 Feed	62/2	62/1	62/4	63/7	64	65/4	66	66/1	67/2	67/2	67/6	68/2	65/2
3 Feed	59/2	59/1	59/4	60/7	61	62/4	63	63/1	64/2	64/2	64/6	65/2	62/2

	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Jan.</u>	<u>Feb.</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Year</u>	
- cents and eighths per bushel -														
BARLEY - Canadian Wheat Board Basis in Store Thunder Bay														
1 C.W.	6-Row	115/1	112/4	110/2	111/6	113	114	114/2	113	114/2	115/6	116/4	121	114/2
2 C.W.	6-Row	115/1	112/4	110/2	111/6	113	114	114/2	113	114/2	115/6	116/4	121	114/2
3 C.W.	6-Row	113/1	110/4	108/2	109/5	111	112	112/2	111	112/2	113/6	114/4	119	112/2
1 C.W.	2-Row	113/1	110/1	107/2	108/5	110	111	111/2	110	109/2	110/6	111/4	116/6	110/6
2 C.W.	2-Row	113/1	110/1	107/2	108/5	110	111	111/2	110	109/2	110/6	111/4	116/6	110/6
3 C.W.	2-Row	109/2	106/1	104/2	105/5	107	108	108/2	107	106/2	107/6	108/4	113/6	107/5
1 Feed		97/7	99/2	99/6	99/7	100	100/6	101/6	101/5	103/5	105	105/6	107/1	101/7
2 Feed		95/7	97/2	97/6	97/7	98	98/6	99/6	99/5	101/5	103	103/6	105/1	99/7
2 Feed		92/7	94/2	94/6	94/7	95	95/6	96/6	96/5	98/5	100	100/6	102/1	96/7

RYE - Winnipeg Grain Exchange Basis in Store Thunder Bay

	116/5	117/6	115/1	112/5	108/6	110/5	110/6	107	103/7	101/5	99	96/5	108/3
2 C.W.	116/5	117/6	115/1	112/5	108/6	110/5	110/6	107	103/7	101/5	99	96/5	108/3
3 C.W.	111/4	112/4	110	107/5	103/3	103/6	105/1	100/7	98/4	96/5	94	91/4	103
4 C.W.	92/1	91/6	88/5	87	81/7	81/5	81/3	75/3	72/7	71/5	77/3	76/3	81/4
Eröty	87/7	90/2	87/1	85/4	80/3	79/6	79/3	73/3	69/3	66/5	68/4	66/3	77/7

FLAXSEED - Winnipeg Grain Exchange Basis in Store Thunder Bay

1 C.W.	319/2	322/1	322/6	305/5	276/1	280/5	284	277/6	276/4	278	281/7	280	292
2 C.W.	301/1	313	316	299	271/1	275/5	278	272/2	271/2	273	275/5	274/6	285
3 C.W.	284/2	291/3	290/1	269/7	246/1	249/4	250/1	241/5	245/3	247/1	251/1	248/7	259/5

RAPESEED - Winnipeg Grain Exchange Basis in Store Vancouver

No. 1	Canada	204/5	220/6	262/7	282/3	285/5	325/4	313/6	271/5	279/1	291/3	303/5	283/5	277/4
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CANADIAN WHEAT BOARD PAYMENTS ON BASIC GRADES, WHEAT, OATS, AND BARLEY 1969-70

<u>GRADE</u>	<u>INITIAL PAYMENT</u>	<u>FINAL PAYMENT</u>	<u>TOTAL PAYMENTS</u>
<u>WHEAT^{1/}</u>			
1 Northern	\$ 1.32	\$ 0.07	\$ 1.39
2 Northern	1.28	0.09	1.37
3 Northern	1.23	0.06	1.29
4 Northern	1.15	0.04	1.19
No. 5 Wheat	1.02	0.15	1.17
No. 6 Wheat	0.98	0.17	1.15
Feed Wheat	0.93	0.17	1.10
1 C.W. Amber Durum	1.32	0.06	1.38
2 C.W. Amber Durum	1.28	0.07	1.35
3 C.W. Amber Durum	1.23	0.03	1.26
No. 1 C.W. Garnet	1.15	0.04	1.19
No. 2 C.W. Garnet	1.10	0.08	1.18
No. 1 Alberta Red Win.	1.14	0.05	1.19
No. 2 Alberta Red Win.	1.09	0.09	1.18
<u>OATS^{2/}</u>			
No. 2 C.W.	\$ 0.47	\$ 0.10	\$ 0.57
Ex. 3 C.W.	0.44	0.10	0.54
No. 3 C.W.	0.44	0.10	0.54
Ex. 1 Feed	0.44	0.09	0.53
No. 1 Feed	0.42	0.10	0.52
No. 2 Feed	0.37	0.12	0.49
No. 3 Feed	0.33	0.13	0.46
<u>BARLEY^{3/}</u>			
2 C.W. 6-Row	\$ 0.75	\$ 0.03	\$ 0.78
3 C.W. 6-Row	0.73	0.03	0.76
2 C.W. 2-Row	0.68	0.06	0.74
3 C.W. 2-Row	0.65	0.06	0.71
No. 1 Feed	0.63	0.02	0.65
No. 2 Feed	0.60	0.03	0.63
No. 3 Feed	0.55	0.05	0.60

- ^{1/} Deductions include freight, at 20 cents per cwt. (12¢ per bu.) Calgary or Edmonton to Vancouver; estimated elevator handling charges of 4.5 cents a bu.; and 1 per cent P.F.A.A. levy.
- ^{2/} Deductions include freight, at 26 cents per cwt. (8.84¢ per bu.) Calgary or Edmonton to Thunder Bay; estimated elevator handling charges of 3.6 cents a bu.; and 1 per cent P.F.A.A. levy.
- ^{3/} Deductions include freight, at 26 cents per cwt. (12.5¢ per bu.) Calgary or Edmonton to Thunder Bay; estimated elevator handling charges of 4.5 cents a bu.; and 1 per cent P.F.A.A. levy.

ESTIMATED SUPPLIES OF GRAIN ON FARMS IN ALBERTA CROP YEARS 1968-69, 1969-70 AND 1970-71

		<u>1968-69</u>	<u>1969-70</u>	<u>1970-71</u>
		- million bushels -		
WHEAT	- Carryover	52.0	85.0	100.0
	- Production	166.0	140.0	72.0
	- TOTAL Supplies	<u>218.0</u>	<u>225.0</u>	<u>172.0</u>
OATS	- Carryover	17.0	29.0	36.0
	- Production	94.0	102.0	117.0
	- TOTAL Supplies	<u>111.0</u>	<u>131.0</u>	<u>153.0</u>
BARLEY	- Carryover	29.0	66.0	74.0
	- Production	178.0	204.0	198.0
	- TOTAL Supplies	<u>207.0</u>	<u>270.0</u>	<u>272.0</u>
RYE	- Carryover	0.8	1.0	0.8
	- Production	2.4	3.5	4.8
	- TOTAL Supplies	<u>3.2</u>	<u>4.5</u>	<u>5.6</u>
FLAXSEED	- Carryover	0.1	0.2	0.2
	- Production	4.3	6.3	11.5
	- TOTAL Supplies	<u>4.4</u>	<u>6.5</u>	<u>11.7</u>

STOCKS OF GRAIN ON FARMS IN ALBERTA AT JULY 31

	<u>WHEAT</u>	<u>OATS</u>	<u>BARLEY</u>	<u>RYE</u>	<u>FLAXSEED</u>
	- thousand bushels -				
1955	48,000	15,000	18,000	4,250	500
1956	62,000	20,000	20,000	2,800	430
1957	78,000	39,000	36,000	2,600	450
1958	56,000	28,000	24,000	1,100	200
1959	36,000	20,000	18,000	1,000	300
1960	34,000	20,000	22,000	1,000	350
1961	28,000	20,000	18,000	600	400
1962	15,000	19,000	14,000	600	300
1963	12,000	26,000	16,000	300	200
1964	20,000	38,000	25,000	500	150
1965	21,000	23,000	20,000	800	150
1966	23,000	25,000	20,000	1,000	400
1967	40,000	25,000	31,000	700	400
1968	52,000	17,000	29,000	800	100
1969	85,000	29,000	66,000	1,000	200
1970	100,000	36,000	74,000	800	200

SALES OF FERTILIZERS IN CANADA AND ALBERTA FOR THE YEARS ENDING JUNE 30, 1969 AND 1970

	CANADA			ALBERTA		
	1968-69	1969-70	% Change	1968-69	1969-70	% Change
	- tons	-		- tons	-	
Fertilizer Materials	934,274 ^r	887,204	- 5.0	305,822	260,373	- 14.9
Mixed Fertilizers	963,348 ^r	986,544	+ 2.4	4,933	4,686	- 5.0
TOTAL	1,897,622	1,873,748	- 1.3	310,755 ^{1/}	265,059 ^{2/}	- 14.7

Fertilizer sales in Alberta for the year ended June 30, 1970 were 265,059 tons, down 14.7 per cent from the previous year's sales of 310,755 tons.

Imports of fertilizers and fertilizer materials into Canada for the years ending June 30 (anhydrous ammonia included) totalled 940,847 tons in 1970 compared with 1,847,480 tons in 1969. Imports consisted largely of the following: phosphate rock, 815,423 tons; superphosphate, 11,519 tons; muriate potash, 7,735 tons; nitrogen solution, 466 tons; and sulphate of potash 20,020 tons.

Exports of materials (including potash) amounted to 5,384,017 tons. Exports of mixed fertilizers amounted to 128,182 tons.

r revised.

^{1/} 16.4% of Canada Total.

^{2/} 14.1% of Canada Total.

SEEDED ACRES AND YIELD PER ACRE ON SUMMERFALLOW AND STUBBLE, ALBERTA, 1969 AND 1970

	Seeded Area		Distribution		Average Yield Per Seeded Acre		Production	
	1969	1970	1969	1970	1969	1970	1969	1970
	-	'000 acres	-	per cent	-	bushels	-	million bushels
WHEAT								
Summerfallow	3,949	2,297	75	88	28.5	28.5	112.7	65.5
Stubble	<u>1,351</u>	<u>303</u>	<u>25.</u>	<u>12</u>	<u>20.2</u>	<u>21.5</u>	<u>27.3</u>	<u>6.5</u>
Total	5,300	2,600	100	100	26.4	27.7	140.0	72.0
OATS FOR GRAIN								
Summerfallow	559	926	28	45	62.1	64.3	34.7	59.5
Stubble	<u>1,441</u>	<u>1,124</u>	<u>72</u>	<u>55</u>	<u>46.7</u>	<u>51.2</u>	<u>67.3</u>	<u>57.5</u>
Total	2,000	2,050	100	100	51.0	57.1	102.0	117.0
BARLEY								
Summerfallow	1,621	2,203	32	47	50.2	49.3	81.4	108.6
Stubble	<u>3,479</u>	<u>2,497</u>	<u>68</u>	<u>53</u>	<u>35.2</u>	<u>35.8</u>	<u>122.6</u>	<u>89.4</u>
Total	5,100	4,700	100	100	40.0	42.1	204.0	198.0
FLAXSEED								
Summerfallow	323	636	72	91	15.2	16.7	4.9	10.6
Stubble	<u>127</u>	<u>64</u>	<u>28</u>	<u>9</u>	<u>11.0</u>	<u>12.5</u>	<u>1.4</u>	<u>0.8</u>
Total	450	700	100	100	14.0	16.3	6.3	11.4
RAPESEED								
Summerfallow	490	1,160	60	80	16.5	18.9	8.1	21.9
Stubble	<u>326</u>	<u>290</u>	<u>40</u>	<u>20</u>	<u>11.1</u>	<u>12.4</u>	<u>3.6</u>	<u>3.6</u>
Total	816	1,450	100	100	14.3	17.6	11.7	25.5

**INTENDED ACREAGES OF PRINCIPAL FIELD CROPS,
ALBERTA AT MARCH 1 AND SEEDED ACREAGES
1969 AND 1970**

	<u>1 9 6 9</u>		<u>1 9 7 0</u>	
	Intentions	Planted	Intentions	Planted
	- thousand acres -			
Wheat ^{1/}	5,560.0	5,300.0	3,640.0	2,600.0
Oats ^{1/}	2,760.0	2,600.0	2,800.0	2,600.0
Barley	4,950.0	5,100.0	4,970.0	4,700.0
Rye	138.2	180.0	209.0	215.0
Mixed Grain	374.0	380.0	426.0	450.0
Flaxseed	520.0	450.0	875.0	700.0
Rapeseed	700.0	816.0	1,520.0	1,450.0
Potatoes	20.0	27.0	30.0	32.0
Summerfallow	7,000.0	7,400.0	7,830.0	8,900.0

^{1/} Includes Greenfeed.

Questions pertaining to farmers' intentions to use commercial fertilizers are asked at March 1. Alberta farmers indicated they would use 225,000 tons in 1970 down 28 per cent from the 312,000 tons used in 1969.

CURRENT VALUES OF FARM CAPITAL IN ALBERTA

	<u>Land And Buildings</u>	<u>Livestock And Poultry</u>	<u>Implements And Machinery</u>	<u>Total</u>
	- thousand dollars -			
1941	490,826	105,103	116,128	712,057
1951	1,015,289	384,461	390,003	1,789,753
1961	1,715,367	452,920	550,876	2,719,163
1964	2,238,665	528,000	654,530	3,421,195
1965	2,587,147	504,916	713,757	3,805,820
1966	2,865,472	567,192	785,032	4,217,696
1967	3,206,599	604,245	843,354	4,654,198
1968	3,479,502	579,155	901,989	4,960,646
1969	3,409,912	746,291	934,211	5,090,414
1970	3,240,849	797,528	959,328	4,997,705

LIVESTOCK

Livestock came through the 1969-70 winter in good condition with relatively few reports of short feed supplies. Spring growth of pastures was slow and the first hay cut was light, however rains in June and July greatly improved the situation and by August pastures were in excellent condition. The second cut of hay was exceptional, surpassing previous production records. Black flies and mosquitoes were the most severe pests bothering livestock during the summer, particularly in the southern and north-central areas of the province.

An outbreak of sheep foot rot reported in two community pastures in August was quickly brought under control. An outbreak of red nose in a feedlot in southern Alberta the previous month was also eliminated.

The June 1, 1970 livestock population estimates, indicated marked increases in numbers of cattle, pigs and sheep in Alberta.

	1969	1970	% Change
Cattle and Calves	3,380,000	3,535,000	+ 5
Pigs	1,200,000	1,600,000	+ 33
Sheep and Lambs	218,000	247,000	+ 13

The 3.5 million head of cattle and calves at June 1, 1970 is the largest number ever reported in Alberta to that date. The increase in hog numbers brought the total pig population in the province to 1.6 million, near the high of 2.2 million registered in 1943. For sheep and lambs this was the first increase in June 1 numbers since 1961.

The build up in livestock numbers in the province was accompanied by decreases in marketings of cattle, calves, sheep and lambs. Marketings of cattle through public stockyards, shipped direct to packing plants and on export, and to country points in other provinces, in 1970 amounted to 1,181,992 head, a decrease of 4.7 per cent from the previous year's 1,240,074. Calf marketings declined by 11.8 per cent to 194,123 head.

A total of 1,620,089 hogs were marketed at inspected and approved packing plants during 1970, 14.5 per cent greater than 1969. In addition, 57,477 lambs and 2,366 sheep were marketed in 1970, decreases of 7.7 and 23.3 per cent respectively from 1969.

Cattle prices were stronger in 1970 with annual weighted average prices at public stockyards for virtually all classes being slightly higher than those of 1969. Significantly greater marketings of hogs during 1970 resulted in lower prices compared to the previous year. Prices were in the \$35.00 per cwt. range at the start of the year but dropped to the \$22.00 level late in the year. Sheep and lamb prices in 1970 were slightly below 1969 levels.

ALBERTA CATTLE MARKETINGS AND GRADES BY DISTRICT 1970

C.D.	STEERS AND HEIFERS					TOTAL STEERS			BULLS	FEEDERS	DIRECT EXPORT	COUNTRY POINTS TO OTHER PROV.	GRAND TOTAL
	CHOICE	GOOD	MEDIUM	COMMON		STEERS	HEIFERS						
1	19,676	4,830	633	348		25,487			749	701	24	1,403	36,999
2	130,801	33,776	9,919	2,061		176,557			1,632	9,049	1,041	649	207,423
3	45,832	11,499	3,006	660		60,997			837	6,711	572	765	80,315
4	5,839	2,011	392	327		8,569			510	3,276	23	779	16,133
5	51,645	15,451	3,397	1,763		72,256			834	15,662	42	-	95,037
6	93,578	28,542	8,249	4,640		135,009			2,459	30,737	606	104	187,713
7	35,598	12,931	1,905	426		50,860			786	11,027	208	257	70,130
8	78,926	29,646	7,956	1,752		118,280			658	5,421	499	355	133,049
9	-	-	-	-		-			-	10	-	-	10
10	49,575	20,955	4,585	939		76,054			1,488	32,107	212	-	121,380
11	36,613	21,918	6,565	1,611		66,757			1,464	30,862	98	-	115,278
12	4,364	2,392	521	197		7,474			544	15,203	-	-	26,246
13	19,233	9,432	3,304	640		32,609			1,051	24,237	225	-	65,410
14	190	141	64	32		427			99	2,805	59	-	3,848
15	5,260	3,507	939	242		9,948			541	8,785	1	-	23,021
1970	577,130	197,031	51,435	15,688		841,284			13,652	196,593	3,610	4,312	1,181,992
1969	523,940	221,639	65,227	22,222		833,028			14,813	232,527	5,201	4,801	1,240,074

ALBERTA CATTLE MARKETINGS BY GRADE EXPRESSED AS A PER CENT

C.D.	PERCENTAGE STEERS AND HEIFERS				PERCENTAGE OF TOTAL MARKETINGS							
	CHOICE	GOOD	MEDIUM	COMMON	TOTAL STEERS & HEIFERS		COWS	BULLS	FEEDERS	DIRECT EXPORT	COUNTRY POINTS TO OTHER PROV.	GRAND TOTAL
1	77.2	19.0	2.5	1.3	68.9	23.3	2.0	1.9	0.1	3.8	100.0	
2	74.1	19.1	5.6	1.2	85.1	8.9	0.8	4.4	0.5	0.3	100.0	
3	75.1	18.9	4.9	1.1	75.9	13.0	1.0	8.4	0.7	1.0	100.0	
4	68.1	23.5	4.6	3.8	53.1	18.5	3.2	20.3	0.1	4.8	100.0	
5	71.5	21.4	4.7	2.4	76.0	6.6	0.9	16.5	*	-	100.0	
6	69.3	21.2	6.1	3.4	71.9	10.0	1.3	16.4	0.3	0.1	100.0	
7	70.0	25.4	3.8	0.8	72.5	10.0	1.1	15.7	0.3	0.4	100.0	
8	66.7	25.1	6.7	1.5	88.9	5.9	0.5	4.1	0.4	0.2	100.0	
9	-	-	-	-	-	-	-	100.0	-	-	100.0	
10	65.2	27.6	6.0	1.2	62.7	9.5	1.2	26.4	0.2	-	100.0	
11	54.9	32.8	9.8	2.5	57.9	14.0	1.2	26.8	0.1	-	100.0	
12	58.4	32.0	7.0	2.6	28.5	11.5	2.1	57.9	-	-	100.0	
13	59.0	28.9	10.1	2.0	49.9	11.1	1.6	37.1	0.3	-	100.0	
14	44.5	33.0	15.0	7.5	11.1	11.9	2.6	72.9	1.5	-	100.0	
15	52.9	35.3	9.4	2.4	43.2	16.3	2.3	38.2	*	-	100.0	
1970	68.6	23.4	6.1	1.9	71.2	10.3	1.2	16.6	0.3	0.4	100.0	
1969	62.9	26.6	7.8	2.7	67.2	12.1	1.2	18.7	0.4	0.4	100.0	
	100%				100%							

* Less than 0.05 per cent.

ESTIMATED NUMBER OF CATTLE ON FARMS IN ALBERTA BY CENSUS DIVISION, JUNE 1, 1969 AND 1970

1 9 6 9

C.D.	BULLS	COWS		HEIFERS		STEERS	CALVES	TOTAL
		For Milk	For Beef	For Milk	For Beef			
		-		-				
				thousand	head			
1	4.1	4.6	83.0	1.0	17.5	29.5	71.0	210.7
2	5.8	13.6	106.0	2.3	44.5	58.0	88.5	318.7
3	5.9	4.0	122.0	1.3	39.0	56.0	95.0	323.2
4	3.3	1.4	75.0	0.2	22.5	15.5	63.0	180.9
5	3.0	3.9	63.0	0.4	24.5	22.0	56.5	173.3
6	6.1	14.0	99.5	3.8	48.5	96.5	88.5	356.9
7	6.9	14.0	135.0	2.7	44.5	46.0	120.0	369.1
8	5.7	23.5	100.0	5.0	35.5	82.5	111.0	363.2
9	0.6	0.5	9.5	-	1.5	1.5	7.5	21.1
10	6.1	29.0	90.0	7.1	32.5	44.0	93.0	301.7
11	4.0	46.5	51.0	10.0	19.5	43.5	71.0	245.5
12	1.8	10.5	31.0	1.2	7.8	3.9	31.0	87.2
13	4.2	23.5	75.5	3.6	30.6	30.8	84.5	252.7
14	1.2	5.0	21.5	0.4	5.6	3.3	21.5	58.5
15	2.3	6.0	43.0	1.0	15.0	12.0	38.0	117.3
Province	61.0	200.0	1,105.0 ^r	40.0	389.0 ^r	545.0 ^r	1,040.0 ^r	3,380.0

r revised.

1970

C.D.	COWS		HEIFERS		STEERS	CALVES	TOTAL	1970 as % of 1969
	For Milk	For Beef	For Milk	For Beef				
	- thousand head -							
1	4.2	4.9	86.0	20.0	30.0	76.0	221.9	105.3
2	5.0	12.5	103.0	52.0	59.0	90.0	323.3	101.4
3	5.4	4.4	127.0	38.0	58.0	105.0	339.2	105.0
4	3.3	1.1	73.0	26.0	17.0	67.0	187.8	103.8
5	2.9	3.0	65.0	20.0	24.0	60.0	175.5	101.3
6	6.8	14.5	115.0	53.0	92.0	114.0	397.6	111.4
7	6.5	16.0	141.0	44.5	46.0	135.0	392.0	106.2
8	5.5	22.0	113.0	36.0	80.0	125.0	386.5	106.4
9	0.6	0.7	8.5	2.0	2.0	7.5	21.3	100.9
10	5.7	26.0	92.0	28.0	52.0	93.0	302.9	100.4
11	3.6	47.0	52.0	20.0	47.0	77.0	257.1	104.7
12	2.2	9.7	32.0	7.7	5.0	33.0	91.1	104.5
13	5.0	25.4	83.0	30.0	32.0	85.0	263.6	104.3
14	1.5	5.2	21.5	4.5	3.0	22.0	58.1	99.3
15	2.8	5.6	43.0	13.3	13.0	38.5	117.1	99.8
Province	61.0	198.0	1,155.0	395.0	560.0	1,128.0	3,535.0	104.6

ESTIMATED PRODUCTION AND FARM VALUE OF A

	Area		Yield per Acre	
	1969	1970	1969	1970
	- acres -		- bushels -	
FIELD CROPS				
FIELD CROPS:				
Wheat	5,300,000	2,600,000	26.4	27.7
Oats for grain	2,000,000	2,050,000	51.0	57.1
Barley	5,100,000	4,700,000	40.0	42.1
Rye	180,000	215,000	19.4	22.1
Mixed Grain	380,000	450,000	42.1	46.7
Flaxseed	450,000	700,000	14.0	16.3
Rapeseed	816,000	1,450,000	14.3	17.6
Mustard Seed	50,000	55,000	20.0	17.7
Potatoes	27,000	32,000	277.8	296.8
			- tons -	
Sugar Beets	38,867	36,700	14.84	14.26
Tame Hay	2,900,000	3,400,000	1.37	1.82
Other Field Crops Inc. Forest Prod.				
TOTAL ACREAGE AND VALUE	17,241,867	15,688,700		

LIVESTOCK AND LIVESTOCK PRODUCTS

LIVESTOCK	Number on Farms June 1	
Cattle	2,340,000	2,407,000
Calves	1,040,000	1,128,000
Sheep and Lambs	218,000	247,000
Hogs	1,200,000	1,600,000
TOTAL VALUE		

DAIRY PRODUCTS:	200,000	198,000 (cows)
Butterfat for Creamery Butter		
Milk for Manufacture of Butter as Butterfat		
Farm Dairy Butter		
Milk for Concentrating and Ice Cream Mix ^{4/}		
Milk for Cheesemaking ^{4/}		
Fluid Milk Sales ^{4/}		
Fluid Cream Sales ^{4/}		
Milk Farm Home Consumed		
Whole Milk Fed to Farm Animals		
Skim Milk Fed to Farm Animals		
TOTAL VALUE		

POULTRY PRODUCTS:	9,600,000	11,220,000 (total poultry)
Eggs for Consumption		
Eggs for Hatching		
Poultry Meat (eviscerated)		
TOTAL VALUE		

HONEY	- colonies -	- lb. per colony -
	120,000	110,000
	169	184
WOOL	- sheep shorn -	- lb. per sheep -
	112,700	117,000
	8.9	9.1
FUR FARMING ^{7/}	- animals on farms -	- animals pelted -
	252,762	262,135
	173,018	191,297

OTHER LIVESTOCK AND PRODUCTS		
TOTAL LIVESTOCK AND PRODUCTS		

1/ Preliminary.4/ Milk Equivalents.2/ Prices estimated by the Alberta Department of Agriculture.5/ Includes dairy subsidy payments.3/ Livestock produced include net marketings through stockyards and plants, sales for local slaughter, farm kill, and inventory changes.6/ Includes the value of wax.7/ Year ending August 31.

Production		Value per Unit		Total Value	
1969	1970	1969	1970	1969	1970
- bushels -		- dollars -		- dollars -	
140,000,000	72,000,000	1.17	1.18	163,800,000	84,960,000
102,000,000	117,000,000	0.53	0.44	54,060,000	51,480,000
204,000,000	198,000,000	0.62	0.64	126,480,000	126,720,000
3,500,000	4,750,000	0.88	0.90	3,080,000	4,275,000
16,000,000	21,000,000	0.62	0.67	9,920,000	14,070,000
6,300,000	11,400,000	2.56	2.30	16,128,000	26,220,000
11,700,000	25,500,000	2.32	2.30	27,144,000	58,650,000
1,000,000	974,000	2.00	2.00	2,000,000	1,948,000
7,500,000	9,500,000	1.56	1.50	11,700,000	14,250,000
- SHORT tons -					
576,611	523,500	18.46	15.00	10,644,000	7,853,000
4,000,000	6,200,000	22.25	20.00 ^{2/}	89,000,000	124,000,000
.....				15,228,000	16,353,000
.....				<u>529,184,000</u>	<u>530,779,000</u>
- number ^{3/} -					
1,093,820	1,047,658	245.58	256.26	268,620,000	268,473,000
85,789	99,399	149.97	143.28	12,866,000	14,242,000
95,557	99,656	21.52	22.32	2,056,000	2,224,000
1,866,673	2,552,135	49.94	42.86	93,222,000	109,384,000
.....				<u>376,764,000</u>	<u>394,323,000</u>
- pounds -					
21,167,000	20,418,000	0.684	0.685	14,485,000	13,992,000
2,750,000	3,324,000	0.973	0.962	2,676,000	3,198,000
871,000	849,000	0.610	0.620	531,000	526,000
- 100 pounds -					
1,598,020	1,708,130	3.34	3.39	5,328,000	5,736,000
377,120	433,900	3.38	3.39	1,273,000	1,469,000
3,023,980	3,219,950	5.78	5.89	17,476,000	18,966,000
633,850	647,200	3.31	3.36	2,095,000	2,175,000
1,291,800	1,274,000	3.36	3.39	4,340,000	4,319,000
969,100	947,800	3.36	3.42	3,256,000	3,213,000
5,698,950	5,499,410	0.515	0.509	2,935,000 ^{5/}	2,804,000 ^{5/}
.....				<u>62,306,000^{5/}</u>	<u>62,915,000^{5/}</u>
- dozen -					
38,519,000	41,625,000	0.39	0.35	14,992,000	14,612,000
2,101,000	2,254,000	0.73	0.73	1,534,000	1,645,000
- pounds -					
69,185,000	79,500,000	0.30	0.27	20,743,000	21,816,000
.....				<u>37,269,000</u>	<u>38,073,000</u>
20,280,000	20,240,000	0.15	0.15	3,040,000 ^{6/}	2,965,000 ^{6/}
1,003,000	1,065,000	0.50	0.28	499,000	293,000
- value of pelts -	-value animals exported-				
\$ 2,515,000	\$ 1,994,000	\$2,000	\$13,000	2,517,000	2,007,000
.....				2,461,000	3,172,000
.....				<u>484,856,000</u>	<u>503,748,000</u>

NOTE: The total value of agricultural production is not obtained by adding together the values of field crops and livestock production. This procedure would duplicate the value of grain, forage, etc., fed to livestock. Duplication is hard to avoid completely. For example, milk fed to farm animals is included under dairy products to provide a full account of dairy production; it is counted again in the value of livestock products.

ESTIMATED NUMBER OF HOGS ON FARMS IN ALBERTA BY CENSUS DIVISION, JUNE 1, 1969 AND 1970

C.D.	OVER 6 MONTHS		UNDER 6 MONTHS		- thousand head -	TOTAL		1970 as % of 1969 %
	1969	1970	1969	1970		1969	1970	
1	5.0	3.0	22.0	17.0		27.0	20.0	74.1
2	43.0	61.0	100.0	109.0		143.0	170.0	118.9
3	16.0	19.0	40.0	51.0		56.0	70.0	125.0
4	2.0	2.0	3.5	7.0		5.5	9.0	163.6
5	16.0	30.0	75.0	92.0		91.0	122.0	134.1
6	33.0	35.0	71.0	82.0		104.0	117.0	112.5
7	23.0	35.0	66.0	90.0		89.0	125.0	140.4
8	34.0	38.0	104.0	133.0		138.0	171.0	123.9
9	0.5	0.5	1.5	1.5		2.0	2.0	100.0
10	32.0	42.0	107.0	158.0		139.0	200.0	143.9
11	46.0	50.0	141.0	195.0		187.0	245.0	131.0
12	10.0	15.0	25.0	55.0		35.0	70.0	200.0
13	26.0	49.0	66.0	111.0		92.0	160.0	173.9
14	3.5	4.5	6.0	10.5		9.5	15.0	157.9
15	25.0	31.0	57.0	73.0		82.0	104.0	126.8
Province	315.0	415.0	885.0	1,185.0		1,200.0	1,600.0	133.3

ESTIMATED NUMBER OF SHEEP ON FARMS IN ALBERTA BY CENSUS DIVISION, JUNE 1, 1969 AND 1970

C.D.	SHEEP 1 YEAR AND OVER		LAMBS UNDER 1 YEAR		TOTAL SHEEP AND LAMBS		
	1969	1970	1969	1970	1969	1970	1970 as % of 1969 %
				-			
				thousand head			
1	11.0	7.0	10.4	6.8	21.4	13.8	64.5
2	17.0	24.0	14.2	23.0	31.2	47.0	150.6
3	35.0	36.0	35.1	40.0	70.1	76.0	108.4
4	4.0	4.0	4.0	4.0	8.0	8.0	100.0
5	3.0	3.3	3.0	3.0	6.0	6.3	105.0
6	9.0	11.2	9.0	9.6	18.0	20.8	115.6
7	2.5	3.5	2.8	3.7	5.3	7.2	135.8
8	8.6	10.2	8.3	10.7	16.9	20.9	123.7
9	0.5	0.4	0.5	0.4	1.0	0.8	80.0
10	1.8	2.5	2.2	2.4	4.0	4.9	122.5
11	6.9	6.1	7.1	6.0	14.0	12.1	86.4
12	2.0	1.6	2.0	1.8	4.0	3.4	85.0
13	4.0	6.7	3.0	6.1	7.0	12.8	182.8
14	1.2	1.3	1.9	1.5	3.1	2.8	90.3
15	4.5	5.2	3.5	5.0	8.0	10.2	127.5
Province	111.0	123.0	107.0	124.0	218.0	247.0	113.3

SUMMARY OF ALBERTA HOG CARCASSES BY DISTRICT, 1970

C.D.	Index 112	110 £ 109	107 £ 105	103 £ 102	100	98 £ 97	95 £ 92	88	Light £ 80	Heavy	Ridg- lings	Stags	Sows	Total
1	8	159	1,230	2,983	1,564	2,209	731	157	281	1,009	66	32	605	11,034
2	120	1,839	13,789	35,249	18,350	21,482	5,927	1,094	1,814	8,586	645	312	4,058	113,265
3	22	513	3,611	9,893	5,315	6,381	1,927	368	812	2,161	166	99	1,451	32,719
4	5	104	869	2,344	1,306	1,649	459	79	179	765	49	13	379	8,200
5	76	1,014	7,865	22,247	13,049	17,332	5,858	1,119	1,441	8,612	493	128	2,647	81,881
6	105	1,602	11,043	31,207	17,988	24,632	8,643	1,870	2,199	12,308	728	181	4,362	116,868
7	75	1,253	9,916	28,070	16,195	20,796	6,157	1,099	1,845	11,744	591	116	4,851	102,708
8	288	4,373	30,845	73,334	37,864	47,011	14,472	2,819	2,836	21,948	1,030	306	8,600	245,726
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	158	2,883	22,951	67,893	39,729	49,605	14,003	2,174	4,756	27,173	1,497	117	11,361	244,300
11	224	3,472	25,578	72,397	41,587	50,000	13,923	2,029	5,730	26,914	1,438	437	9,762	253,491
12	78	1,386	10,659	29,174	16,438	19,276	5,072	739	2,360	8,151	530	40	4,438	98,341
13	131	2,755	21,449	61,216	34,693	41,333	10,783	1,541	3,780	19,535	1,004	73	7,755	206,048
14	9	126	665	1,736	999	1,289	377	75	191	658	37	2	335	6,499
15	54	998	8,263	26,133	16,134	20,914	6,382	1,044	3,058	9,180	458	83	6,308	99,009
1970	1,353	22,477	168,733	463,876	261,211	323,909	94,714	16,207	31,282	158,744	8,732	1,939	66,912	1,620,089
1969	2,071	25,262	153,207	406,578	236,005	294,138	87,743	16,099	31,266	105,990	8,244	2,519	46,402	1,415,524

ALBERTA HOG CARCASSES EXPRESSED AS A PER CENT

C.D.	Index 112	110 & 109	107 & 105	103 & 102	100	98 & 97	95 & 92	88	Light & 80	Heavy	Ridg- lings	Stags	Sows	Total
1	0.1	1.5	11.1	27.0	14.2	20.0	6.6	1.5	2.5	9.1	0.6	0.3	5.5	100.0
2	0.1	1.6	12.2	31.1	16.2	18.9	5.2	1.0	1.6	7.6	0.6	0.3	3.6	100.0
3	0.1	1.6	11.0	30.2	16.3	19.5	5.9	1.1	2.5	6.6	0.5	0.3	4.4	100.0
4	0.1	1.3	10.6	28.6	15.9	20.1	5.6	1.0	2.2	9.3	0.6	0.1	4.6	100.0
5	0.1	1.2	9.6	27.2	15.9	21.2	7.2	1.4	1.7	10.5	0.6	0.2	3.2	100.0
6	0.1	1.4	9.4	26.7	15.4	21.1	7.4	1.6	1.9	10.5	0.6	0.2	3.7	100.0
7	0.1	1.2	9.7	27.3	15.8	20.2	6.0	1.1	1.8	11.4	0.6	0.1	4.7	100.0
8	0.1	1.8	12.6	29.9	15.4	19.1	5.9	1.1	1.2	8.9	0.4	0.1	3.5	100.0
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	0.1	1.2	9.4	27.8	16.3	20.3	5.7	0.9	1.9	11.1	0.6	*	4.7	100.0
11	0.1	1.4	10.1	28.5	16.4	19.7	5.5	0.8	2.3	10.6	0.6	0.2	3.8	100.0
12	0.1	1.4	10.8	29.7	16.7	19.6	5.2	0.8	2.4	8.3	0.5	*	4.5	100.0
13	0.1	1.3	10.4	29.7	16.8	20.1	5.2	0.8	1.8	9.5	0.5	*	3.8	100.0
14	0.1	1.9	10.2	26.7	15.4	19.9	5.8	1.2	2.9	10.1	0.6	*	5.2	100.0
15	0.1	1.0	8.3	26.4	16.3	21.1	6.4	1.0	3.1	9.3	0.5	0.1	6.4	100.0
1970	0.1	1.4	10.4	28.6	16.1	20.0	5.9	1.0	2.0	9.8	0.5	0.1	4.1	100.0
1969	0.1	1.8	10.8	28.7	16.7	20.8	6.2	1.1	2.2	7.5	0.6	0.2	3.3	100.0

* Less than 0.05 per cent.

AVERAGE MONTHLY LIVESTOCK PRICES BY GRADE, CALGARY, 1970

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YEAR
	- dollars per cwt. -												
Steers-Choice	29.99	30.84	31.53	31.87	31.79	30.24	30.05	28.82	28.28	27.92	29.56	30.02	30.08
-Good	28.65	30.03	30.72	30.87	30.72	29.42	29.25	28.03	27.43	26.95	28.46	29.30	29.15
-Medium	27.10	29.01	29.58	29.61	29.52	27.89	27.99	26.47	26.47	26.05	27.61	28.01	28.25
-Common	25.78	27.75	28.40	28.48	28.20	27.01	26.69	26.17	25.47	25.38	26.58	26.65	26.88
Heifers-Choice	27.64	28.90	29.90	30.65	29.52	27.61	27.66	26.01	26.22	26.84	28.18	28.59	28.14
-Good	26.59	27.97	28.96	29.54	28.68	26.87	26.85	25.71	25.57	25.89	27.29	27.65	27.30
-Medium	25.36	26.84	27.99	28.17	27.96	25.84	25.67	24.76	24.30	24.84	26.24	26.34	26.19
-Common	24.46	25.60	26.57	26.71	26.45	24.86	24.61	24.11	23.40	24.00	24.95	24.77	25.04
Cows-Good	22.36	22.36	24.20	23.52	22.84	22.25	21.74	20.70	21.72	21.46	20.86	20.86	22.07
-Medium	21.24	21.23	23.14	22.45	21.79	21.11	20.78	19.90	20.57	19.82	19.31	19.57	20.91
-Canners & Cutters	18.96	19.25	21.01	20.71	19.69	19.45	19.19	18.41	18.92	16.90	16.16	16.78	18.78
Bulls	24.83	25.54	26.74	26.40	26.43	26.26	26.70	24.86	24.45	22.13	22.76	22.47	24.96
Feeder Steers-Good	33.13	34.77	34.47	33.97	33.87	32.17	31.82	30.46	30.09	30.64	32.84	32.31	32.54
-Common	29.57	31.64	30.77	30.90	30.71	28.86	29.14	28.65	28.35	29.01	29.74	29.81	29.76
Feeder Females-Good	25.63	26.74	30.05	30.02	27.60	26.30	27.26	26.10	26.52	26.31	26.39	24.10	26.92
-Common	22.92	24.09	25.10	25.01	23.65	22.54	23.18	23.30	23.20	23.08	23.86	21.52	23.45
Choice & Good-Veal	-	-	-	-	-	-	47.01	42.85	36.80	-	37.25	39.40	40.66
-Butcher	34.84	36.96	35.90	36.18	35.03	35.44	36.77	36.71	35.16	31.16	32.15	32.79	34.92
Med. & Common-All wts.	32.60	33.43	33.15	33.53	32.77	34.20	34.66	39.14	32.25	29.71	30.33	31.53	33.11
Stocker Steers-Good	40.08	41.26	40.54	39.90	37.27	39.53	40.64	46.20	40.16	39.18	40.43	39.82	40.42
-Common	35.04	34.70	35.98	28.23	32.20	34.60	34.71	35.13	34.46	34.74	36.86	34.73	34.28
Stocker Heifers-Good	35.71	38.04	36.88	35.65	33.29	34.68	35.27	29.55	33.39	33.00	33.90	33.83	35.26
-Common	32.59	32.39	32.10	30.96	29.72	30.65	31.33	33.42	29.08	29.76	30.33	29.58	30.99
Lambs-Good	28.88	27.22	29.64	30.30	31.61	28.17	22.92	23.38	22.49	23.07	25.08	23.74	26.38
-Common	27.41	22.00	-	-	-	22.00	19.00	22.90	22.50	21.96	24.46	22.00	22.69
-Feeder	27.00	25.29	28.05	-	20.00	-	21.06	24.01	21.37	22.81	25.11	25.00	23.97
Sheep-Good	-	5.00	5.80	-	7.00	5.56	6.00	4.99	5.91	8.82	5.87	5.00	6.00
-Common	-	-	5.00	-	-	-	-	-	3.00	4.50	-	3.00	3.88
Hogs-Index 100	35.81	36.18	33.04	29.89	30.13	28.94	28.51	26.85	26.19	24.05	23.24	22.16	28.75

AVERAGE MONTHLY LIVESTOCK PRICES BY GRADE, EDMONTON, 1970

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YEAR
	- dollars per cwt. -												
Steers-Choice	30.03	30.80	31.42	31.57	31.41	29.53	29.55	28.42	28.10	27.54	29.42	29.80	29.80
-Good	29.26	29.94	30.78	30.70	30.54	28.90	28.80	27.79	27.41	26.94	28.69	28.93	29.06
-Medium	27.66	28.87	29.35	29.13	28.93	27.30	27.47	26.74	26.43	26.04	27.69	27.61	27.77
-Common	25.85	27.20	28.17	27.32	27.53	26.18	26.48	25.48	25.89	25.15	26.40	26.45	26.51
Heifers-Choice	27.55	28.72	29.72	30.39	28.87	26.82	26.70	26.06	25.97	26.54	27.85	28.53	27.81
-Good	26.67	27.87	29.11	29.45	28.38	26.30	26.13	25.57	25.10	25.85	26.86	27.64	27.08
-Medium	25.65	26.65	27.77	27.81	27.29	25.57	25.10	24.38	24.38	25.00	25.91	26.24	25.98
-Common	24.32	25.30	26.18	25.97	26.00	24.88	23.55	23.17	23.27	23.63	24.69	24.89	24.65
Cows-Good	21.40	21.55	23.35	22.78	22.42	21.95	20.92	19.88	20.78	20.29	19.55	19.50	21.20
-Medium	19.51	20.33	22.02	21.29	21.30	20.60	19.79	18.90	19.77	18.64	18.03	17.96	19.84
-Canners & Cutters	17.91	17.97	19.52	18.50	18.74	18.63	17.91	17.27	18.12	15.40	14.93	16.00	17.58
Bulls	24.96	25.12	25.93	25.42	26.78	26.09	26.02	24.49	23.87	21.28	22.39	22.74	24.59
Feeder Steers-Good	33.18	34.30	34.89	34.12	33.50	32.77	33.06	31.86	32.29	31.00	33.10	33.35	33.12
-Common	28.70	30.91	31.47	30.43	30.34	29.20	29.40	28.86	27.68	27.30	29.00	29.00	29.36
Feeder Females-Good	28.81	30.47	31.00	31.00	30.82	28.60	28.89	28.38	27.51	27.39	28.73	28.95	29.21
-Common	24.26	26.05	26.59	26.00	26.25	24.61	25.00	23.92	23.25	23.44	23.50	22.32	24.60
Choice & Good-Veal	42.79	45.14	50.64	47.45	48.63	48.25	43.76	42.14	34.90	35.06	36.38	37.90	42.75
-Butcher	35.84	36.48	39.11	37.61	35.00	34.77	35.18	34.08	31.33	31.00	32.17	33.26	34.65
Med. & Common-All wts.	31.08	29.07	32.49	30.91	32.00	29.59	30.00	29.09	25.04	26.23	27.28	28.72	29.29
Stocker Steers-Good	40.02	41.57	41.91	40.44	40.21	41.00	42.03	41.03	40.45	37.66	38.66	39.20	40.35
-Common	33.42	34.40	35.44	34.29	33.73	34.00	34.00	33.20	32.80	32.58	33.59	33.85	33.78
Stocker Heifers-Good	35.58	35.93	35.70	35.00	35.17	35.83	35.50	34.25	33.10	33.00	33.58	33.97	34.72
-Common	30.00	32.04	32.53	31.28	31.07	30.91	31.00	30.25	29.00	29.00	29.54	30.00	30.55
Lambs-Good	28.34	28.23	30.02	28.54	32.50	-	-	26.50	24.31	23.91	23.35	24.77	22.54
-Common	27.28	-	27.17	26.00	-	-	-	24.25	22.42	20.84	20.54	21.15	23.71
-Feeder	26.95	26.53	25.40	25.42	23.58	17.50	28.90	25.62	25.95	25.11	25.68	24.33	25.08
Sheep-Good	-	-	10.40	7.00	-	6.76	-	7.00	9.97	13.61	8.66	11.71	9.39
-Common	-	-	-	-	8.59	4.19	4.00	4.24	5.89	5.43	3.54	4.36	5.03
Hogs-Index 100	35.66	35.85	32.50	29.60	30.08	28.93	28.37	26.70	26.67	24.10	23.58	22.25	28.69

NUMBER OF LIVESTOCK ON FARMS IN ALBERTA AT JUNE 1

Year	Cows		Calves	All Cattle	Hogs	Sheep and Lambs
	Milk	Beef				
- thousand head -						
1950	297.8	410.1	422.5	1,563.5	704.0	343.4
1951	283.9	414.1	437.5	1,563.0	930.7	330.5
1952	285.0	490.0	494.0	1,766.0	1,170.0	353.0
1953	285.0	550.0	555.0	1,938.0	1,020.0	350.0
1954	286.0	600.0	608.0	2,094.0	1,195.0	387.0
1955	285.0	640.0	647.0	2,250.0	1,195.0	409.0
1956	282.2	733.9	714.4	2,449.2	1,211.5	404.8
1957	282.0	766.0	759.0	2,621.0	1,289.0	426.0
1958	270.0	785.0	819.0	2,557.0	1,680.0	435.0
1959	270.0	820.0	857.0	2,623.0	1,759.0	465.0
1960	279.0	827.0	867.0	2,697.0	1,339.0	495.0
1961	287.9	890.2	912.9	2,879.4	1,469.9	496.9
1962	282.0	910.0	925.0	2,899.0	1,190.0	469.0
1963	280.0	940.0	962.0	3,035.0	1,113.0	431.0
1964	279.0	1,018.0	1,018.0	1,320.0	1,302.0	400.0
1965	269.0	1,108.0	1,076.0	3,473.0	1,169.0	355.0
1966	243.0	1,119.0	1,079.6	3,439.7	1,092.7	301.4
1967	235.0	1,104.0	1,050.0	3,405.0	1,254.0	287.0
1968	215.0	1,083.0	1,040.0	3,322.0	1,245.0	245.0
1969	200.0	1,105.0	1,040.0	3,380.0	1,200.0	218.0
1970	198.0	1,155.0	1,128.0	3,535.0	1,600.0	247.0

DAIRYING

There were an estimated 198,000 milk cows on farms in Alberta at June 1, 1970, a decline of 1 per cent from the June 1, 1969 estimate of 200,000 head. The number of heifers being held for replacement also decreased from 40,000 in 1969 to 38,000 in 1970.

Milk production during 1970 amounted to 1,538 million pounds, an increase of 38 million pounds or 2.5 per cent. The average production per cow was 7,700 pounds an increase of 267 pounds over 1969. The estimated farm value of milk production was \$63.9 million an increase of \$1.6 million over the previous year.

The 20,853 milk cows on the provincial dairy herd improvement service produced an average of 12,096 pounds of milk.

Creamery butter production totalled 29.3 million pounds and cheddar cheese 3.4 million pounds. Fluid milk sales increased to 324 million pounds compared to 302 million pounds in 1969.

POULTRY

The numbers of most classes of poultry in Alberta were greater in 1970 than 1969. Total hens and chickens (excluding broilers) at June 1 rose from 6,250,000 in 1969 to 7,450,000 in 1970; broiler chickens from 2,350,000 to 2,700,000; and turkey numbers from 850,000 to 925,000. There were an estimated 70,000 geese on farms at June 1, 1970 unchanged from 1969, while duck numbers declined from 80,000 at June 1, 1969 to 75,000 a year later.

The statistics above were reflected in production. Production of eggs increased from 40,620,000 to 43,879,000 dozen. The production of poultry meat on an eviscerated basis, totalled 79.5 million pounds, an increase of 15 per cent over 1969. Chicken meat accounted for 59.2 per cent of total output; turkey 22.5 per cent; fowl 16.6 per cent; goose 1.1 per cent and duck 0.6 per cent.

OUTPUT AND FARM VALUE OF POULTRY MEAT, ALBERTA 1969 AND 1970

	TOTAL PRODUCTION		CONSUMED BY PRODUCERS		SOLD	
	Pounds '000	Value \$'000	Pounds '000	Value \$'000	Pounds '000	Value \$'000
	<u>1 9 6 9</u>					
Fowl & Chicken	51,455	14,250	4,817	1,117	46,638	13,133
Turkey	16,226	5,906	744	271	15,482	5,635
Goose	1,035	414	268	107	767	307
Duck	469	173	101	37	368	136
TOTAL	69,185	20,743	5,930	1,532	63,255	19,211
	<u>1 9 7 0</u>					
Fowl & Chicken	60,267	15,313	4,099	850	56,168	14,463
Turkey	17,891	5,976	634	212	17,257	5,764
Goose	852	335	196	77	656	258
Duck	490	192	92	36	398	156
TOTAL	79,500	21,816	5,021	1,175	74,479	20,641

ESTIMATED NUMBER OF POULTRY ON FARMS IN ALBERTA BY CENSUS DIVISION, JUNE 1, 1969 AND 1970.

C.D.	Pullets Under 5 Months		Hens & Pullets 5 Months & Over		Cocks & Cockerels		Total Hens & Chickens (Excl. Broilers)		
	1969	1970	1969	1970	1969	1970	1969	1970	% of 1969
									%
					- thousands -				
1	41.0	51.0	54.0	51.0	25.0	33.0	120.0	135.0	112.5
2	180.0	178.0	160.0	166.0	105.0	136.0	445.0	480.0	107.9
3	105.0	145.0	115.0	79.0	20.0	26.0	240.0	250.0	104.2
4	36.0	46.0	34.0	40.0	15.0	19.0	85.0	105.0	123.5
5	255.0	348.0	200.0	217.0	80.0	105.0	535.0	670.0	125.2
6	175.0	195.0	245.0	252.0	250.0	328.0	670.0	775.0	115.7
7	85.0	88.0	115.0	172.0	65.0	85.0	265.0	345.0	130.2
8	115.0	140.0	155.0	168.0	55.0	72.0	325.0	380.0	116.9
9	-	-	3.0	5.0	-	-	3.0	5.0	166.7
10	287.0	364.0	310.0	384.0	250.0	327.0	847.0	1,075.0	126.9
11	800.0	967.0	470.0	501.0	335.0	442.0	1,605.0	1,910.0	119.0
12	46.0	83.0	74.0	69.0	60.0	78.0	180.0	230.0	127.8
13	207.0	229.0	225.0	241.0	118.0	155.0	550.0	625.0	113.6
14	15.0	17.0	33.0	34.0	7.0	9.0	55.0	60.0	109.1
15	123.0	149.0	137.0	171.0	65.0	85.0	325.0	405.0	124.6
PROVINCE	2,470.0	3,000.0	2,330.0	2,550.0	1,450.0	1,900.0	6,250.0	7,450.0	119.2

THE PRODUCTION AND DISTRIBUTION AND VALUE OF EGGS BY MONTHS ALBERTA 1969 AND 1970

	Production		Disposition			
	No. of Layers '000	Net Production '000 doz.	Sold '000 doz.	Value \$'000	Used by Producer '000 doz.	Value \$'000
<u>1 9 6 9</u>						
JAN.	2,740	3,621	3,213	1,289	408	158
FEB.	2,706	3,324	2,920	1,188	404	156
MAR.	2,604	3,693	3,258	1,370	435	169
APR.	2,471	3,482	3,004	1,221	478	177
MAY	2,388	3,423	2,979	1,164	444	157
JUNE	2,330	3,371	2,934	1,122	437	154
JULY	2,275	3,409	2,963	1,198	446	174
AUG.	2,288	3,171	2,740	1,120	431	166
SEPT.	2,430	2,857	2,448	987	409	139
OCT.	2,644	3,124	2,741	1,153	383	134
NOV.	2,770	3,361	3,018	1,340	343	130
DEC.	<u>2,803</u>	<u>3,784</u>	<u>3,412</u>	<u>1,515</u>	<u>372</u>	<u>145</u>
YEAR	2,537 ^{1/}	40,620	35,630	14,667	4,990	1,859
<u>1 9 7 0</u>						
JAN.	2,761	3,797	3,412	1,489	385	146
FEB.	2,687	3,323	2,953	1,252	370	136
MAR.	2,640	3,728	3,276	1,349	452	160
APR.	2,594	3,761	3,304	1,281	457	154
MAY	2,562	3,922	3,450	1,245	472	154
JUNE	2,537	3,615	3,177	1,113	438	141
JULY	2,482	3,574	3,123	1,052	451	140
AUG.	2,480	3,447	3,018	1,017	429	138
SEPT.	2,659	3,284	2,900	1,052	384	127
OCT.	2,918	3,677	3,293	1,192	384	125
NOV.	3,044	3,825	3,476	1,237	349	114
DEC.	<u>3,016</u>	<u>3,926</u>	<u>3,551</u>	<u>1,314</u>	<u>375</u>	<u>129</u>
YEAR	2,698 ^{1/}	43,879	38,933	14,593	4,946	1,664

^{1/} Weighted average of monthly estimates.

EGG PRICES TO PRODUCERS ON FIRST TUESDAY OF EACH MONTH AT EDMONTON, 1969 AND 1970

GRADE AL GRADE AM GRADE AS GRADE B GRADE C

- cents per dozen -

1 9 6 9

JANUARY	42-47	39-44	17-26	18-23	7-14
FEBRUARY	44	41	23	25	12
MARCH	40	37	25	25	12
APRIL	42	39	25-27	25	12
MAY	42	39	25-27	25	12
JUNE	37	34	22-24	22	12
JULY	41	34	20-22	22	12
AUGUST	44	37	20-22	22	12
SEPTEMBER	44	37	20-22	22	12
OCTOBER	45	40	20-22	22	12
NOVEMBER	48	44	20-22	22	12
DECEMBER	52	50	28-30	28-31	14

1 9 7 0

JANUARY	47	43	27-28	28	14
FEBRUARY	47	43	27-28	28	14
MARCH	38	34	22-23	21	13
APRIL	33	28	18	19	12
MAY	33	28	18	19	12
JUNE	33	28	16	14	12
JULY	33	26	16-17	12	8
AUGUST	39	29	14	12	5
SEPTEMBER	39	29	14	12	5
OCTOBER	39	29	14	17	5
NOVEMBER	39	33	16	19	6
DECEMBER	39	30	16	19	6

APICULTURE

ESTIMATES OF BEEKEEPERS, COLONIES, PRODUCTION OF HONEY, AND VALUE OF HONEY AND BEESWAX IN ALBERTA 1969 AND 1970

		<u>1968</u>	<u>1969</u>	<u>1970</u>
Beekeepers	No.	1,500	1,400	1,200
Colonies	No.	110,000	120,000	110,000
Hives Per Apiary	No.	73	86	92
Honey: Yield/Hive	Lb.	93	169	184
Total Prod.	Lb.	10,230,000	20,280,000	20,240,000
Price	\$/Lb.	0.14	0.14	0.14
Value	\$	1,432,000	2,839,000	2,773,000
Value Honey & Wax	\$	1,522,000	3,040,000	2,965,000

In 1970 Alberta produced an estimated 20.2 million pounds of honey, a slight decline from the record 1969 production of 20.3 million pounds but still almost double the 1958-67 average of 10.9 million pounds. As a result of two large crops in consecutive years, the price and demand for honey was depressed and large quantities of honey were held by producers.

The number of beekeepers in the province declined by 200 to 1,200 in 1970 while the number of colonies decreased by 10,000 to 110,000. The average yield per colony rose from 169 pounds in 1969 to 184 pounds in 1970.

Alberta continues as the province with the largest production of honey in Canada. The 1970 production amounted to just under 40 per cent of the total Canadian honey crop.

FUR FARMING

There were 377 licensed fur farms in Alberta during the 1969-70 season, a decrease of 40 from the previous season.

The number of animals pelted in 1969-70 totalled 191,297 returning nearly \$2 million to producers. Although production of pelts increased, total returns were lower due to a decline in the average price per pelt.

FUR FARM LICENSES

	1968-69	1969-70
Mink	155	130
Chinchilla	257	240
Miscellaneous	<u>5</u>	<u>7</u>
TOTAL	417	377

ANIMALS RETAINED FOR BREEDING

	NO. OF ANIMALS		TOTAL VALUE	
	1968-69	1969-70	1968-69	1969-70
Mink: Standards	25,407	25,275	\$ 444,622	\$ 278,025
Mutations	40,775	31,527	530,075	315,270
Chinchilla	13,327	13,564	199,905	203,460
Fox	74	101	2,220	3,030
Nutria	12	-	60	-
Miscellaneous	<u>13</u>	<u>13</u>	<u>65</u>	<u>65</u>
TOTAL	79,608	70,480	\$ 1,176,947	\$ 799,850

ANIMALS PELTED

	NO. OF ANIMALS		TOTAL VALUE	
	1968-69	1969-70	1968-69	1969-70
Mink: Standards	58,043	73,862	\$ 1,015,752	\$ 812,482
Mutations	112,497	115,934	1,462,461	1,159,340
Chinchilla	2,476	1,498	37,140	22,470
Fox	-	2	-	50
Nutria	-	-	-	-
Miscellaneous	<u>2</u>	<u>1</u>	<u>10</u>	<u>5</u>
TOTAL	173,018	191,297	\$ 2,515,363	\$ 1,994,347

ANIMALS EXPORTED

	NO. OF ANIMALS		TOTAL VALUE	
	1968-69	1969-70	1968-69	1969-70
Mink: Standards	21	234	\$ 368	\$ 9,360
Mutations	-	33	-	132
Chinchilla	113	89	1,695	3,560
Miscellaneous	<u>2</u>	<u>2</u>	<u>10</u>	<u>50</u>
TOTAL	136	358	\$ 2,073	\$ 13,102

FARM FINANCE

CASH RECEIPTS FROM THE SALE OF FARM PRODUCTS AND SUPPLEMENTARY PAYMENTS*

	1 9 6 9		1 9 7 0	
	\$ '000	% of Total	\$ '000	% of Total
Wheat	122,809	16.8	122,461	17.3
Oats	7,706	1.1	5,408	0.8
Barley	48,005	6.6	64,853	9.2
C.W.B. Net Cash Advance Payments	45,708	6.3	-29,739	-4.2
Rye	627	0.1	1,667	0.2
Flaxseed	12,501	1.7	13,153	1.9
Rapeseed	19,205	2.6	35,783	5.1
Sugar Beets	11,846	1.6	10,582	1.5
Potatoes	7,393	1.0	10,147	1.4
Vegetables	2,219	0.3	1,669	0.2
Other Crops	10,003	1.4	11,481	1.6
Forest Products	100	1/	100	1/
Supplementary Payments	2,429	0.3	14,493	2.0
TOTAL CROPS	290,551	39.8	262,058	37.0
Cattle and Calves	259,826	35.6	257,429	36.3
Hogs	83,999	11.5	91,795	13.0
Sheep and Lambs	1,898	0.3	1,564	0.2
Dairy Products	51,256	7.0	52,065	7.3
Poultry Products	33,884	4.6	35,234	5.0
Other Livestock Products	8,486	1.2	8,410	1.2
TOTAL LIVESTOCK & PRODUCTS	439,349	60.2	446,497	63.0
TOTAL CASH RECEIPTS	729,900	100.0	708,555	100.0

1/ Less than 0.05 per cent.

* Interim and final payments received through the Canadian Wheat Board on participation certificates (Wheat, Oats, Barley) are included in the calendar year in which payments were received by farmers. Deficiency payments are included with products where applicable.

FARM NET INCOME, INCOME IN KIND AND OPERATING EXPENSES, ALBERTA 1969 AND 1970

	1969 -thousand	1970 dollars-	% Change %
<u>NET INCOME OF FARM OPERATORS FROM FARMING OPERATIONS</u>			
Cash Income from Sale of Farm Products	727,471	694,062	- 4.6
Income in Kind (Incl. house rent)	82,204	80,404	- 2.2
Supplementary Payments (P.F.A.A. etc.)	2,429	14,493	
Realized Gross Income	812,104	788,959	- 2.8
Value of Inventory Changes	55,776	21,784	- 61.0
Gross Income	867,880	810,743	- 6.6
Operating & Depreciation Charges	584,462	583,857	- 0.1
TOTAL NET INCOME	283,418	226,886	- 20.0

INCOME IN KIND

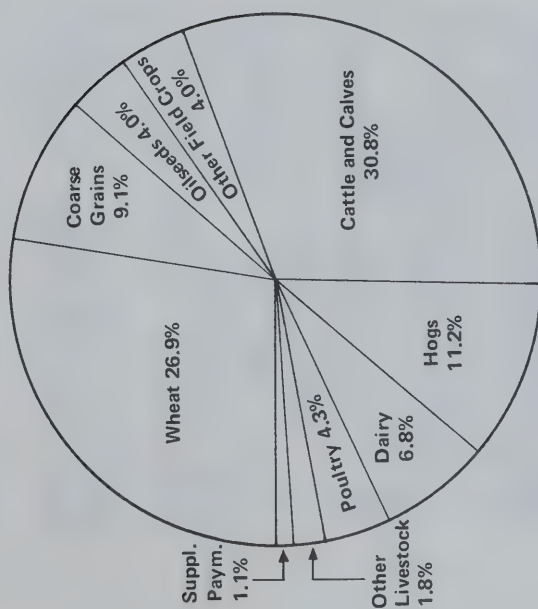
Dairy Products	4,859	4,833	- 0.5
Poultry and Eggs	3,391	2,839	- 16.3
Meat	7,543	7,333	- 2.8
Fruit and Vegetables	4,611	4,774	+ 3.5
Honey	29	25	- 13.8
Forest Products	295	277	- 6.1
Wool	2	2	-
House Rent	61,474	60,321	- 1.9
TOTAL	82,204	80,404	- 2.2

FARM OPERATING EXPENSES AND DEPRECIATION CHARGES

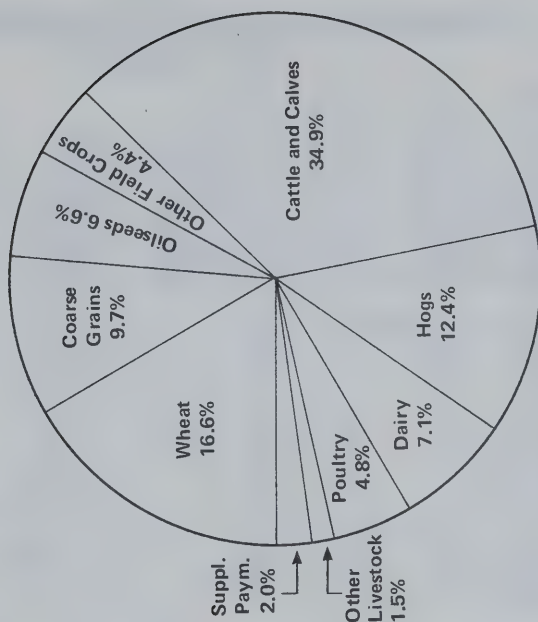
Taxes	32,317	31,970	- 1.1
Gross Farm Rent	30,196	28,107	- 6.9
Wages to Farm Labour	41,973	42,522	+ 1.3
Interest on Indebtedness	63,070	62,354	- 1.1
Fuel & Lubricants	64,725	69,332	+ 7.1
Machinery Repairs	38,140	37,272	- 2.3
Other Machinery Expenses	24,733	26,112	+ 5.6
Fertilizers	27,918	20,215	- 27.6
Other Crop Expenses	20,335	20,428	+ 0.4
Feed	44,857	45,440	+ 1.3
Other Livestock Expenses	7,884	8,493	+ 7.7
Repairs to Buildings	11,801	10,746	- 8.9
Electricity and Telephone	10,030	10,168	+ 1.4
Miscellaneous	22,400	23,742	+ 6.0
Total Operating Costs	440,379	436,901	- 0.8
Depreciation Bldg. & Mach.	144,083	146,956	+ 2.0
TOTAL EXPENSES	584,462	583,857	- 0.1

SOURCE OF FARM INCOME

1961 - 70



1970



CENSUS STATISTICS OF AGRICULTURE FOR ALBERTA

		1941	1951	1961	1966
TOTAL POPULATION	No.	796,169	939,501	1,331,944	1,463,203
FARM POPULATION	"	383,964	345,222	287,814	281,583
PER CENT ON FARMS	%	48.2	36.7	21.6	19.2
NUMBER OF FARMS	No.	93,200	84,315	73,212	69,411
AVERAGE SIZE OF FARM	Ac.	434	527	645	706

FARM CLASSIFICATION:

Under 3 acres	%	-	0.2	0.3	0.5
3-9 "	"	-	1.4	0.9	1.1
10-69 "	"	-	2.4	2.5	3.3
70-239 "	"	-	28.1	21.1	18.2
240-399 "	"	-	29.2	26.5	23.7
400-559 "	"	-	14.3	16.1	15.8
560-759 "	"	-	9.1	11.5	12.5
760-1,119 "	"	-	7.6	10.2	11.9
1,120-1,599 acres	"	-	3.9	5.4	6.4
1,600-2,239 "	"	-	1.8	2.5	3.0
2,240-2,879 "	"	-	0.7	1.0	1.3
2,880 acres & over	"	-	1.3	2.0	2.3

FARM OPERATED BY:

Owner	%	62.5	62.7	59.1	62.0
Tenant	"	17.1	11.6	9.2	6.6
Owner-Tenant	"	19.8	25.0	31.1	30.7
Manager	"	0.6	0.7	0.6	0.7
Non-resident farms	"	10.9	9.9	10.1	10.7

AGE OF FARM OPERATORS:

Under 25 years	"	3.4	4.3	3.2	2.8
25-34	"	18.5	20.2	16.2	15.1
35-39	"	12.2	(25.1	(25.5	(24.8
40-44	"	(23.8	(23.6	(25.6	(26.7
45-49	"	(24.6	9.7	11.5	11.4
50-54	"	13.7	13.8	13.4	15.0
55-59	"	3.8	3.3	4.6	4.2
60-69	"				
70 and over	"				

FARM CAPITALIZATION:

Land & Buildings	\$	490,826	1,015,389	1,715,367	2,865,472
Machinery & Equipment	"	116,128	390,003	550,876	785,032
Livestock & Poultry	"	104,066	384,324	451,254	565,116

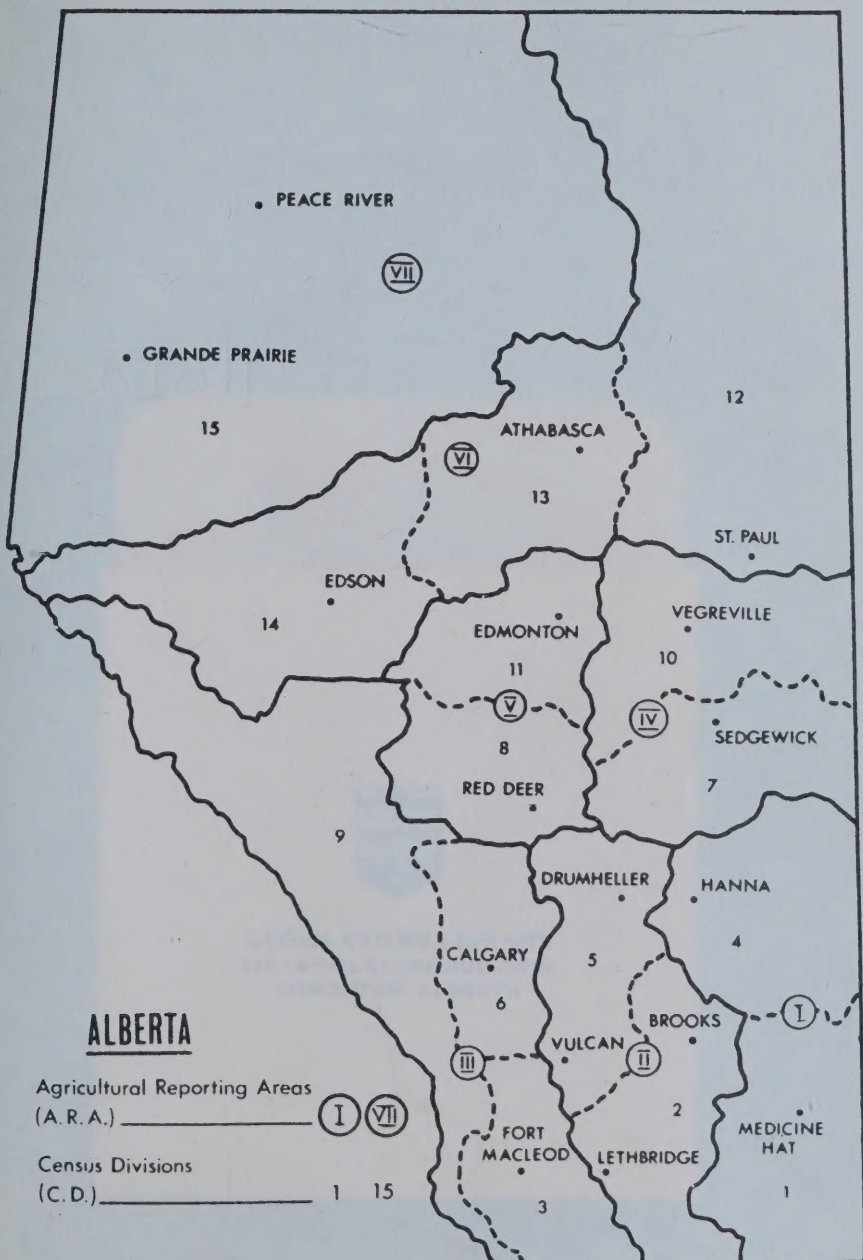
CENSUS STATISTICS - continued

		1941	1951	1961	1966
OCCUPIED FARM LAND:	'000 ac.	43,277	44,460	47,229	48,983
Improved Farm Land	"	20,125	22,271	25,289	27,276
Field Crops	"	12,284	14,428	15,615	17,708
Wheat Total	"	6,556	6,424	5,633	6,506
(Durum)	"	(8)	(46)	(189)	(116)
Oats for Grain	"	2,856	2,854	2,642	2,093
Barley	"	1,579	3,041	2,847	3,880
Mixed Grain	"	39	81	374	410
Fall Rye	"	102	186	149	143
Spring Rye	"	57	98	25	29
Flaxseed	"	133	135	362	347
Rapeseed	"	-	-	307	624
Tame Hay	"	602	1,206	2,477	2,938
Other Fodder	"	261	282	621	560
Sugar Beets	"	23	36	41	40
Other Crops	"	76	85	117	138
Improved Pasture	"	626	1,113	1,670	2,311
Summerfallow	"	6,546	6,195	7,450	6,659
Other Improved Land	"	669	535	554	598
Unimproved Land	"	23,152	22,189	21,940	21,707
LIVESTOCK AND POULTRY:					
Cattle	'000 Head	1,342	1,563	2,879	3,440
Pigs	"	1,705	931	1,470	1,093
Sheep	"	675	330	497	301
Horses	"	649	261	113	94
Hens & Chickens	"	7,953	8,347	9,205	8,440
Turkeys	"	656	395	1,184	951
Ducks	"	95	62	93	91
Geese	"	116	65	90	80
FARM MACHINERY:					
Tractors	No.	36,445	79,282	102,624	112,245
Grain Combines	"	5,165	20,852	38,530	42,838
Grain Binders	"	-	57,930	32,476	-
Swathers	"	-	-	27,805	35,706
Threshing Machines	"	12,753	14,768	13,006	-
Motor Trucks	"	14,512	39,723	71,508	85,559
Farm with Electric -	"	-	29,709	52,936	56,189
Power	%	-	24.6	72.3	81.0

COMPARATIVE STATISTICS OF AGRICULTURE IN ALBERTA

		ALBERTA AS % OF		
		Prairie Provinces	Canada	
<u>ALBERTA</u>				
<u>CENSUS STATISTICS, 1966</u>				
Total Population	No.	1,463,203	43.3	7.3
Farm Population	"	281,583	38.9	14.3
Number of Farms	"	69,411	35.6	16.1
Total Land Area	Ac.	159,232,000	36.5	7.0
Occupied Farm Land	"	48,982,875	36.7	28.1
% of Total Land Occupied	%	30.8	-	-
Improved Land	Ac.	27,276,251	32.0	25.2
Unimproved Land	"	21,706,624	45.0	32.9
<u>CROP ACREAGE 1970*</u>				
Wheat	Ac.	2,600,000	21.7	20.8
Oats for Grain	"	2,050,000	39.0	28.7
Barley	"	4,700,000	49.5	46.8
Rye	"	215,000	22.8	21.2
Flaxseed	"	700,000	20.9	20.8
Mixed Grains	"	450,000	51.4	23.2
Potatoes	"	32,000	43.4	10.2
Mustard Seed	"	55,000	27.5	27.5
Rapeseed	"	1,600,000	40.5	40.5
Tame Hay	"	3,400,000	26.0	25.0
Sugar Beets	"	36,700	61.4	53.4
Summerfallow	"	8,900,000	24.1	24.1
<u>LIVESTOCK ON FARMS, JUNE 1, 1970*</u>				
Bulls	No.	61,000	48.0	25.7
Milk Cows and Heifers	"	236,000	45.5	7.5
Beef Cows and Heifers	"	1,550,000	49.6	37.0
Steers 1 year and over	"	560,000	55.2	30.6
Calves	"	1,128,000	50.0	31.0
Total Cattle and Calves	"	3,535,000	50.2	27.1
Hogs over 6 months	"	415,000	46.6	25.5
Hogs under 6 months	"	1,185,000	45.9	21.7
Total Hogs	"	1,600,000	46.1	22.6
Sheep 1 year and over	"	123,000	59.1	26.4
Lambs under 1 year	"	124,000	58.5	28.6
Total Sheep and Lambs	"	247,000	58.8	27.5
<u>POULTRY ON FARMS JUNE 1, 1970*</u>				
Total Hens and Chickens	No.	10,150,000	39.9	11.0
Turkeys	"	925,000	38.1	9.9

* Estimated.





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HUGH M. HORNER, MINISTER
DR. G. R. PURNELL, DEPUTY MINISTER